

## **1 Project Title**

**Sentiment Analysis of Student Feedback for College Events**

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## **2 Objective**

The objective of this project is to collect student feedback about college events and analyze their sentiments (positive, negative, or neutral) using Python. This helps to understand student satisfaction and areas for improvement.

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## **3 Tools Used**

- Google Forms – for data collection
  - Google Sheets – for storing responses
  - Google Colab – for data analysis
  - Python libraries: Pandas, TextBlob, Matplotlib
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## **4 Methodology (Steps)**

1. Created a feedback form using Google Forms.
  2. Collected responses from users.
  3. Downloaded the responses as a CSV file.
  4. Uploaded the file to Google Colab.
  5. Cleaned the data using Pandas.
  6. Performed sentiment analysis using TextBlob.
  7. Visualized results using a bar chart.
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## **5 Result**

The feedback responses were successfully classified into Positive, Negative, and Neutral sentiments. A bar chart was generated to visualize the number of responses in each category.

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## **6 Conclusion**

This project helped in understanding how students feel about college events. Most responses were positive, showing good satisfaction. The analysis can help organizers improve future events based on student suggestions.

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## **7 Future Scope (Optional)**

In the future, this system can be expanded by analyzing larger datasets, adding real-time feedback collection, and using advanced machine learning models for better accuracy.